

EXISTING
DATABASES AND
APPLICATIONS

FIG. 1



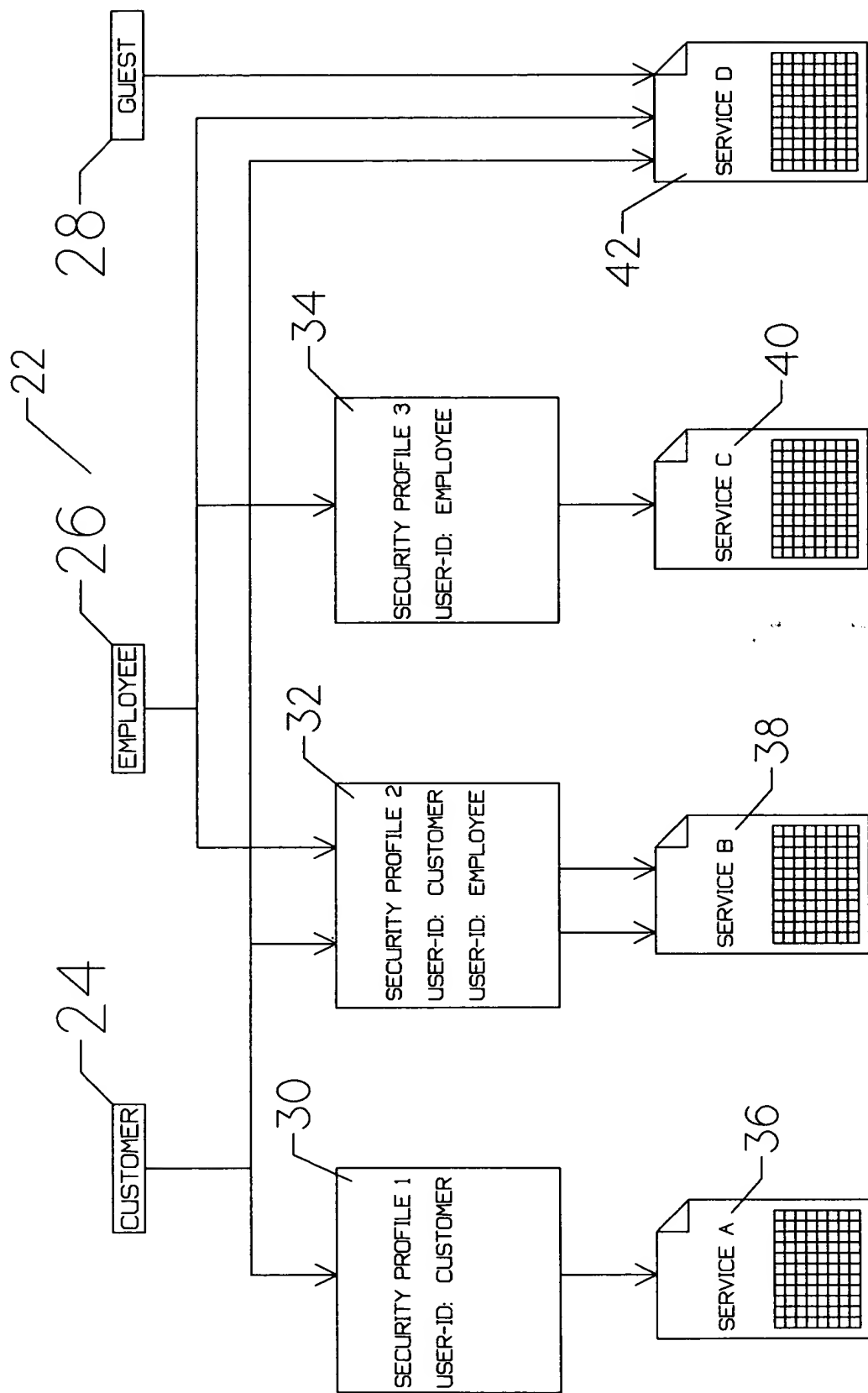


FIG. 2



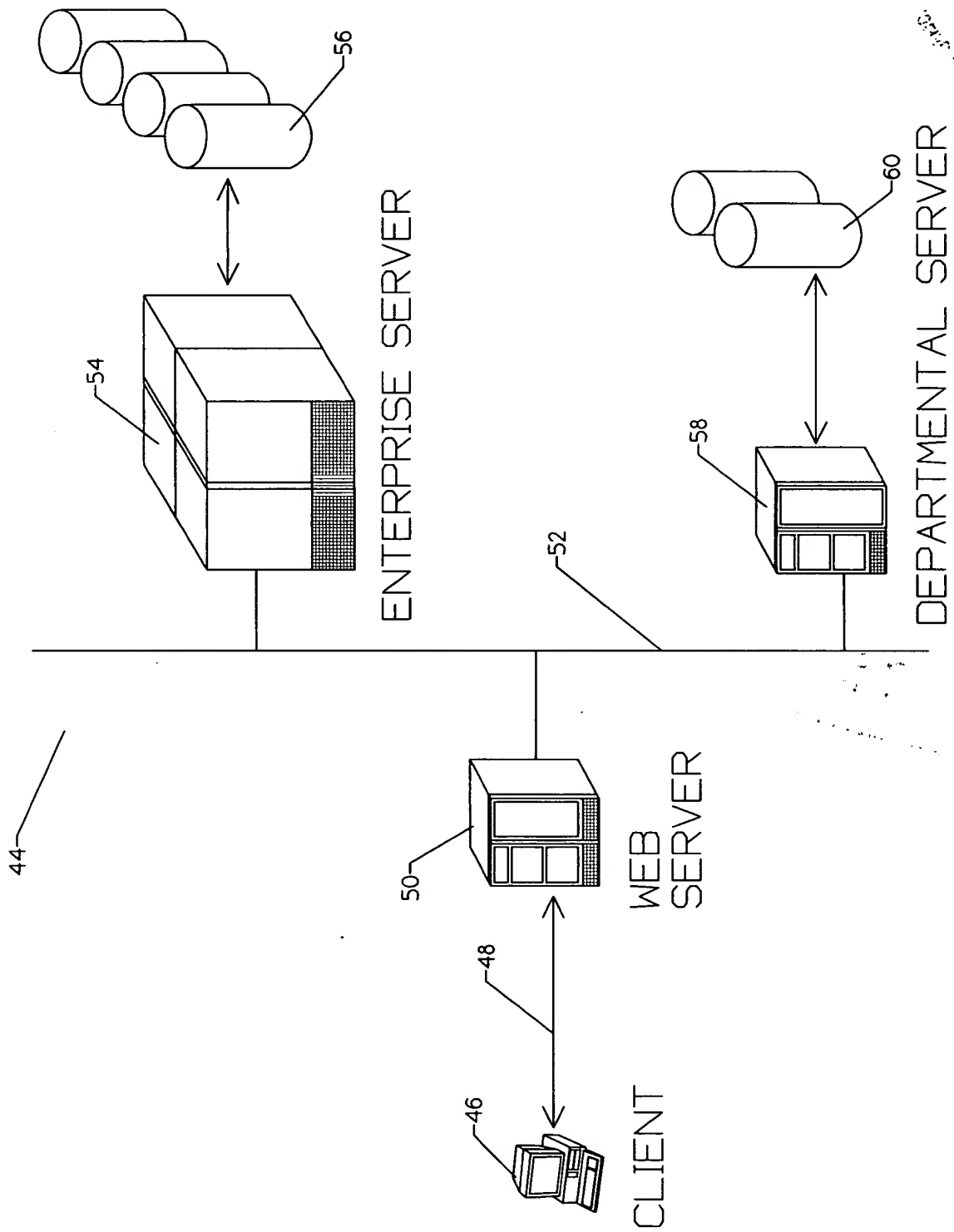


FIG. 3

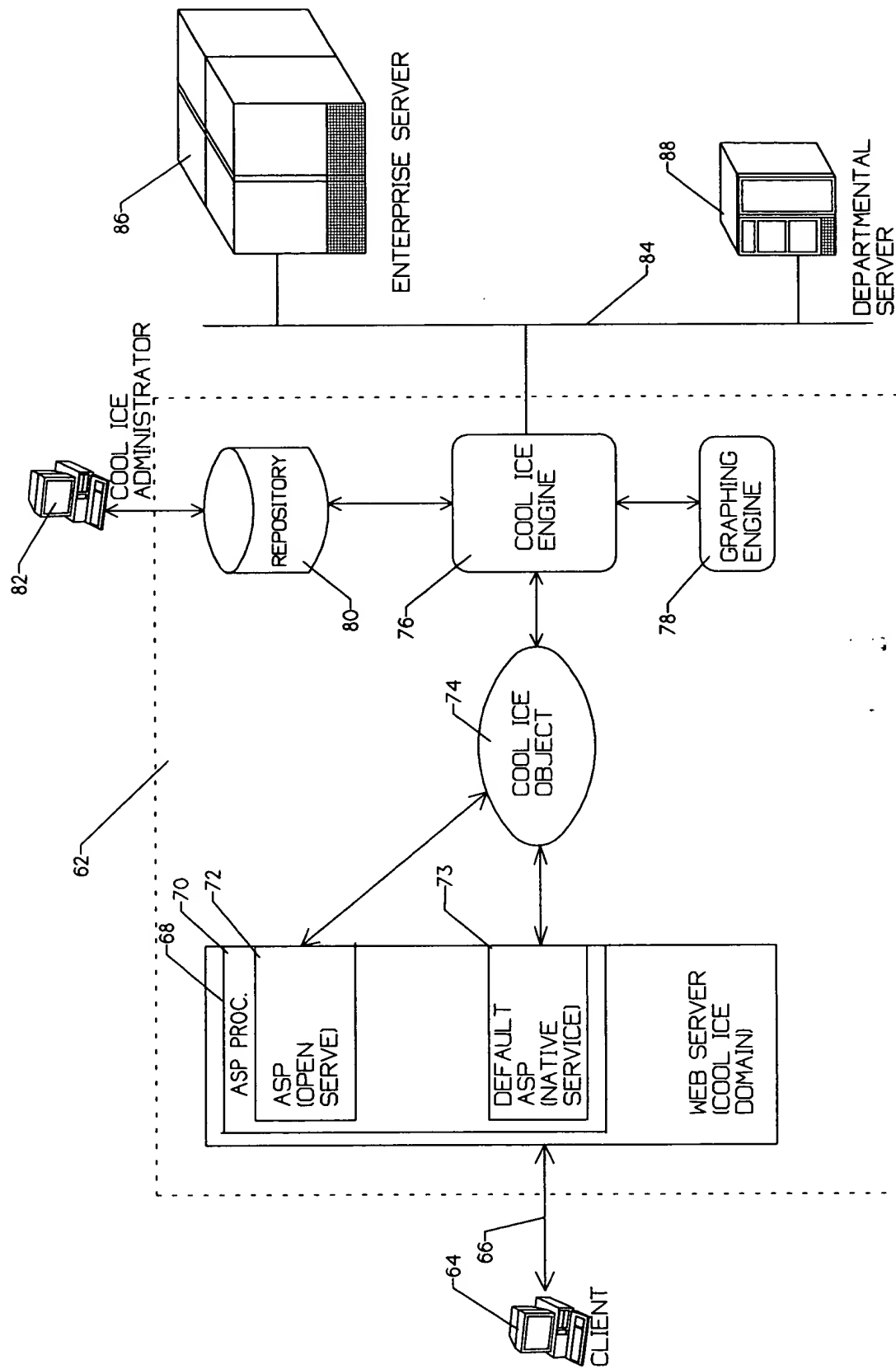


FIG. 4

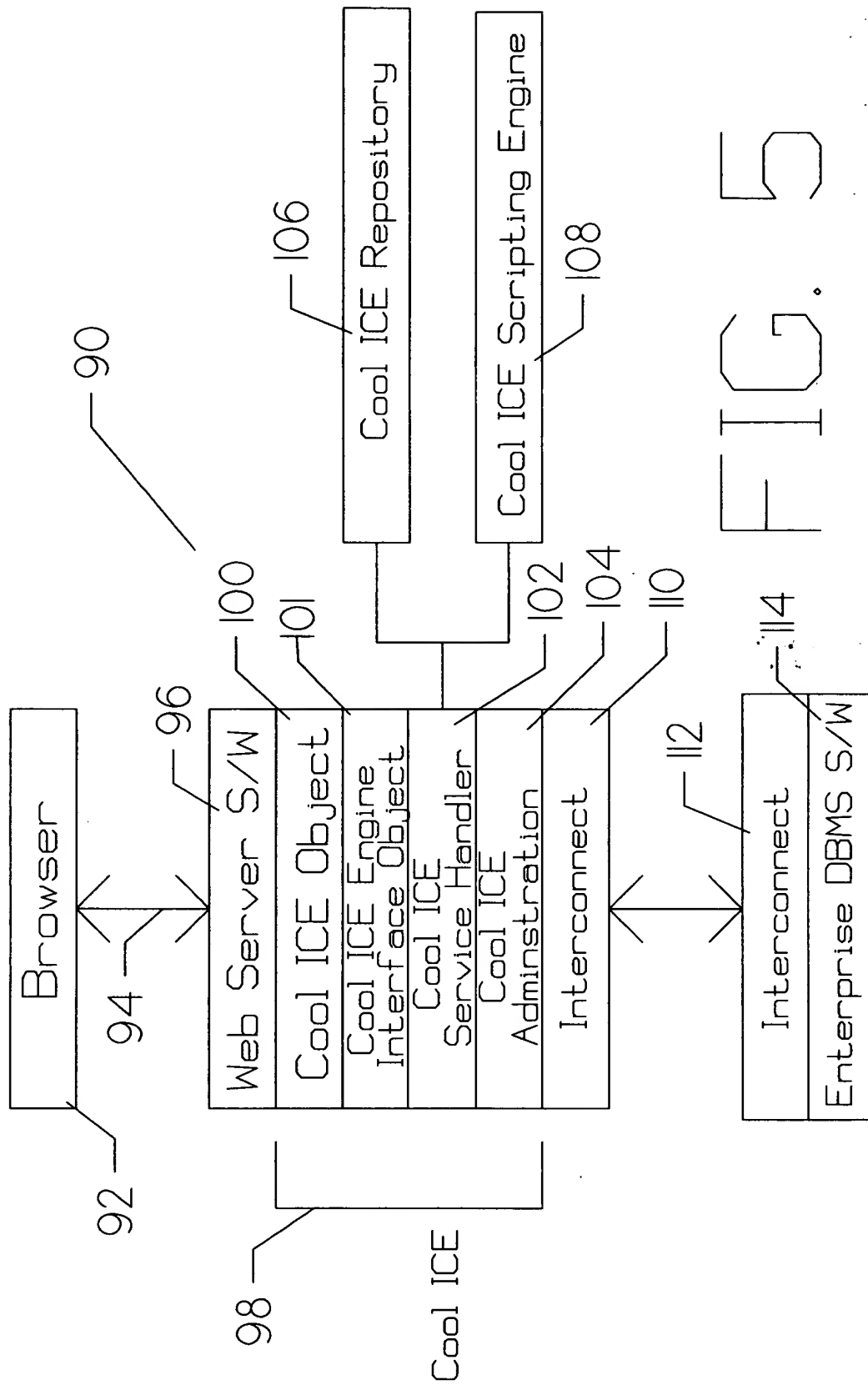


FIG. 5

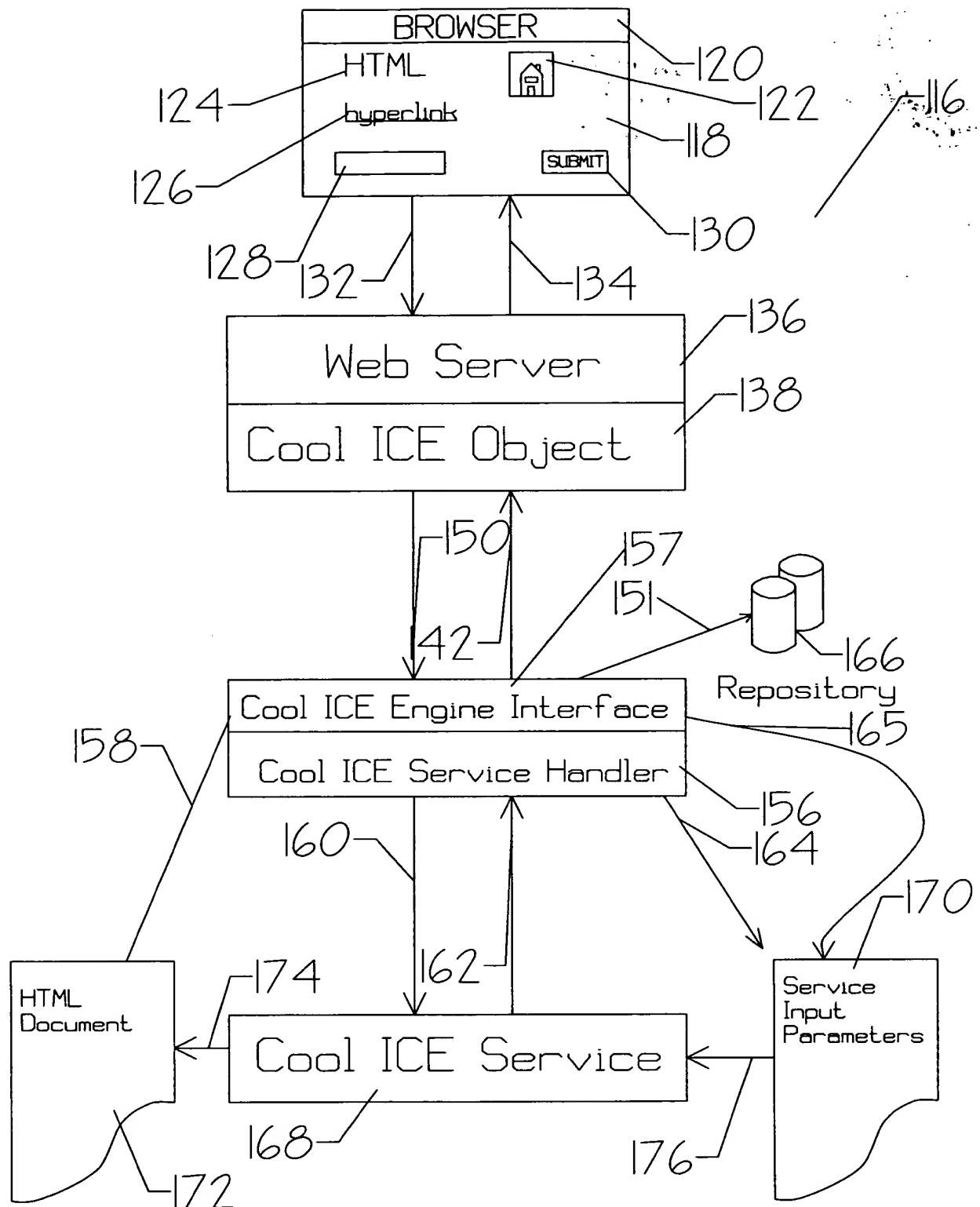


FIG. 6

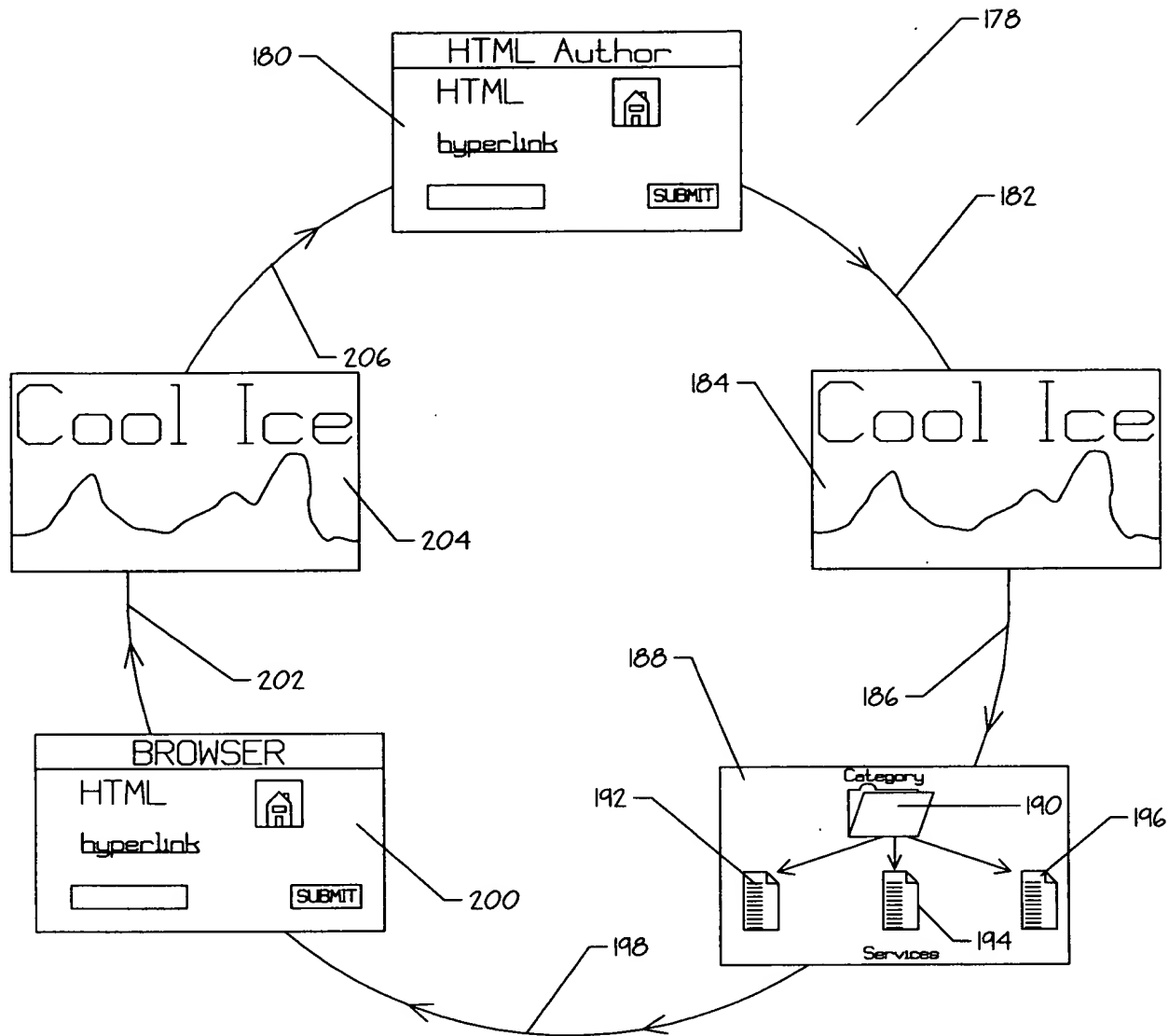


FIG. 7

210

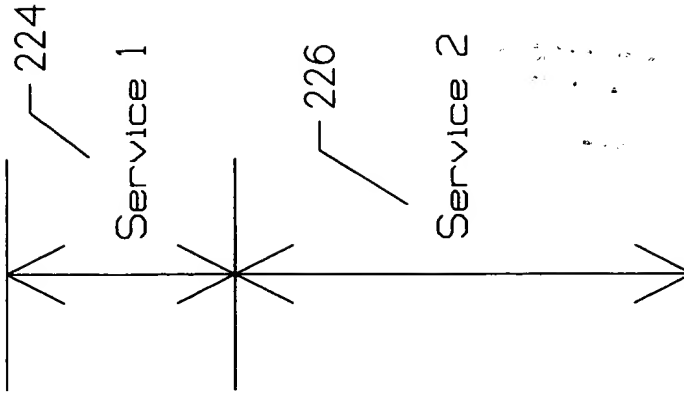
Dialog-based Structure

Output Screen
Suspend
Validate Input
Process
Output

212

Service-based Structure

Output Form
Terminate
Validate Input
Process
Output
Terminate



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FIG. 8



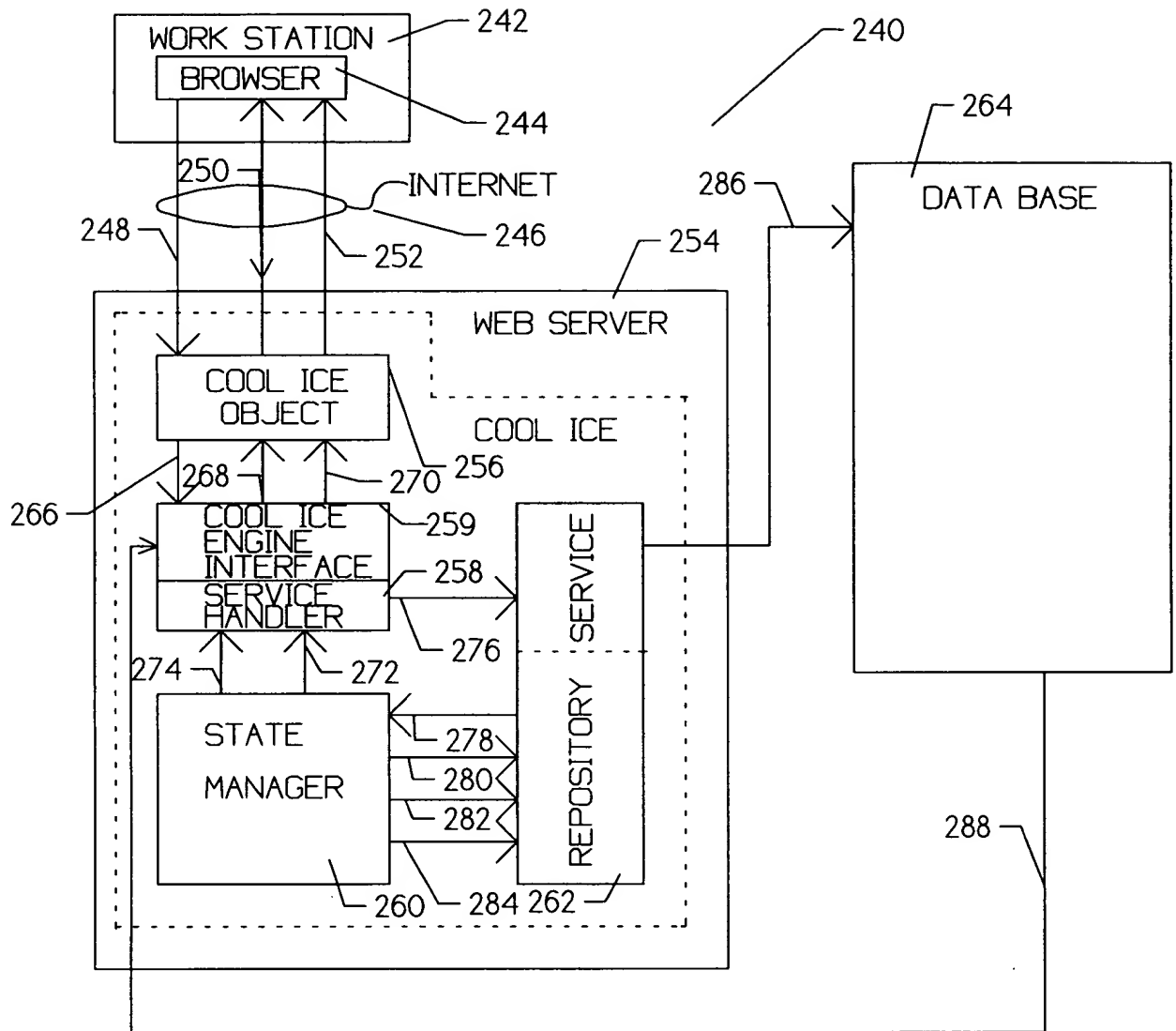


FIG. 9

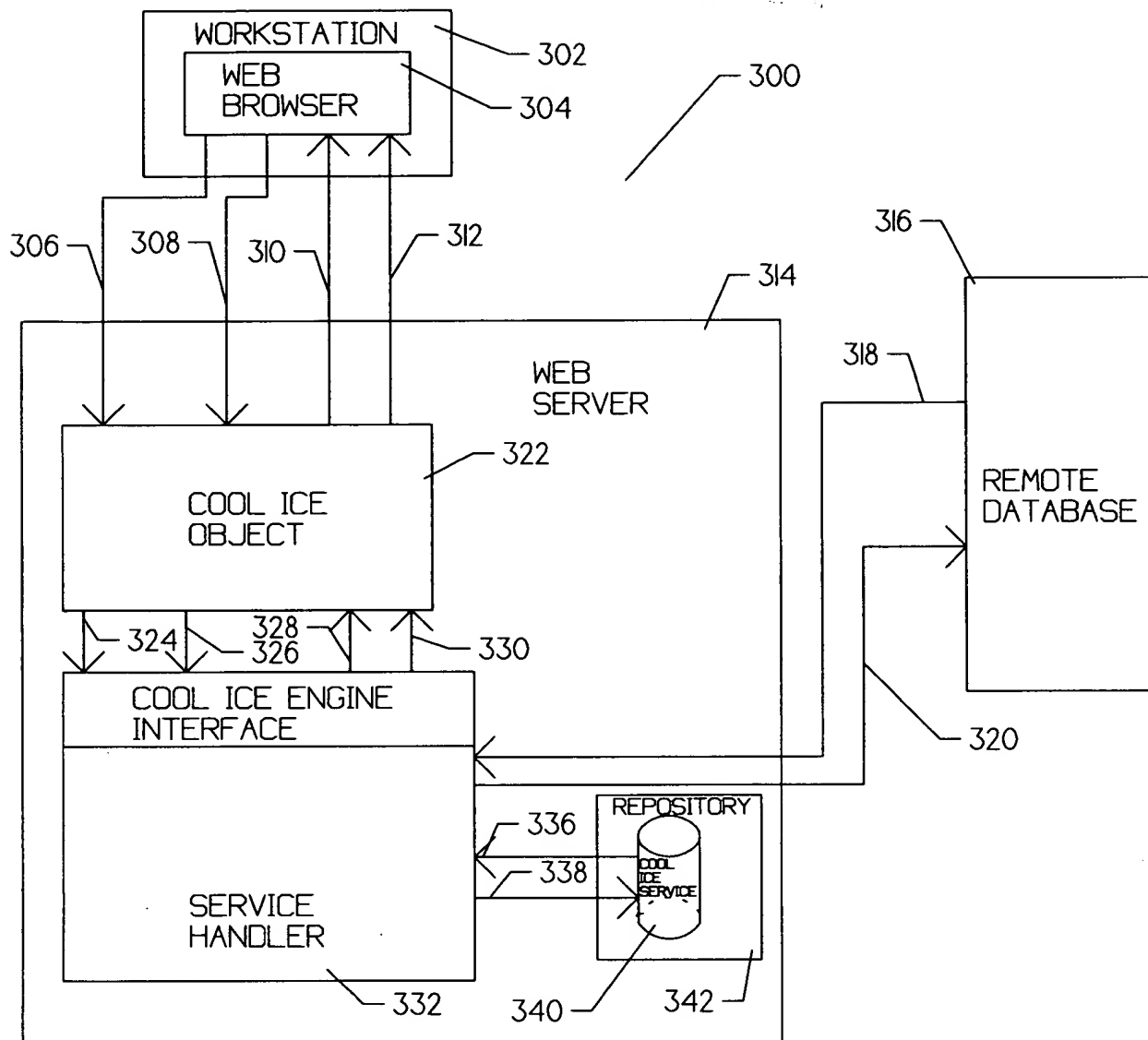
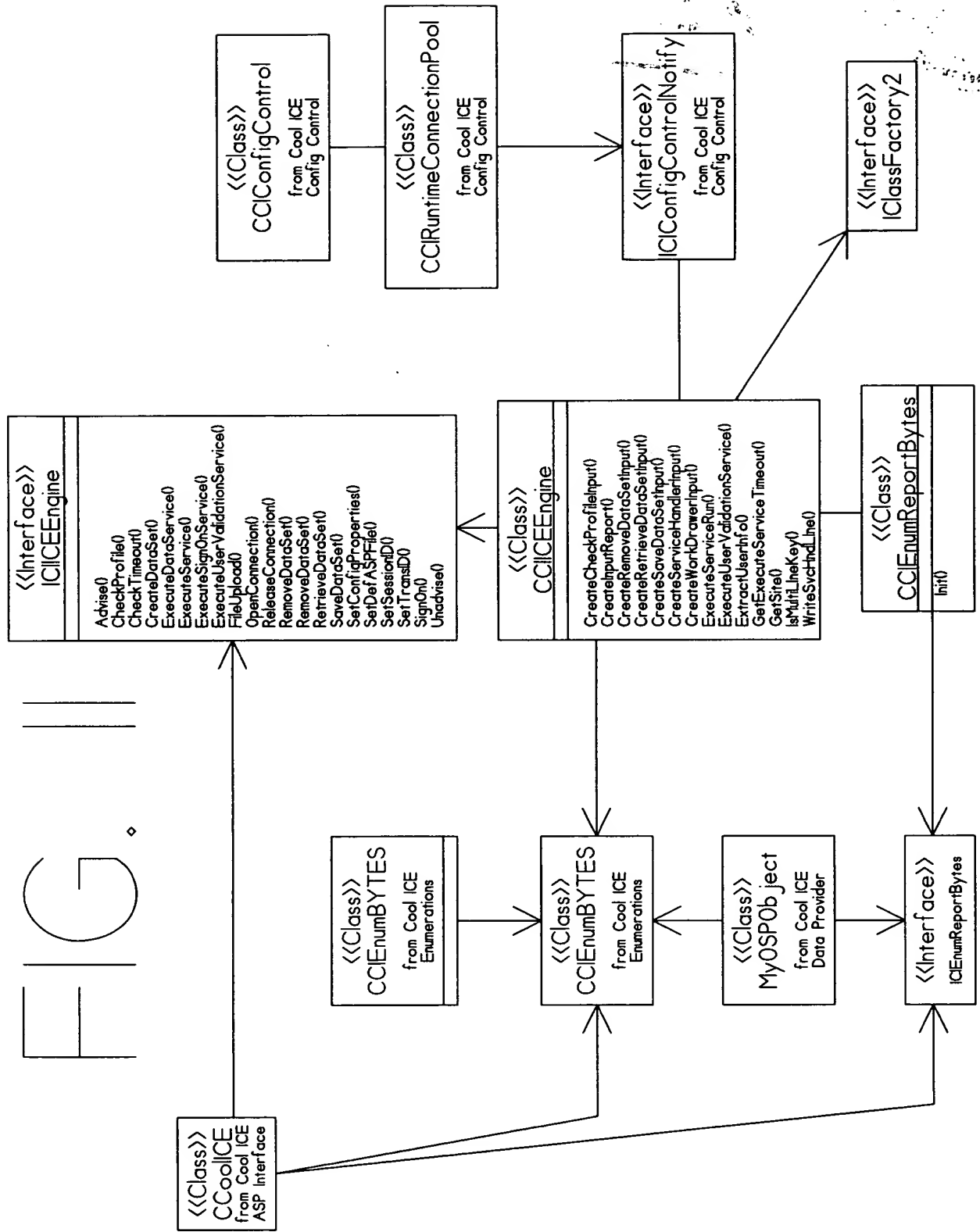


FIG. 10

FIG. 1



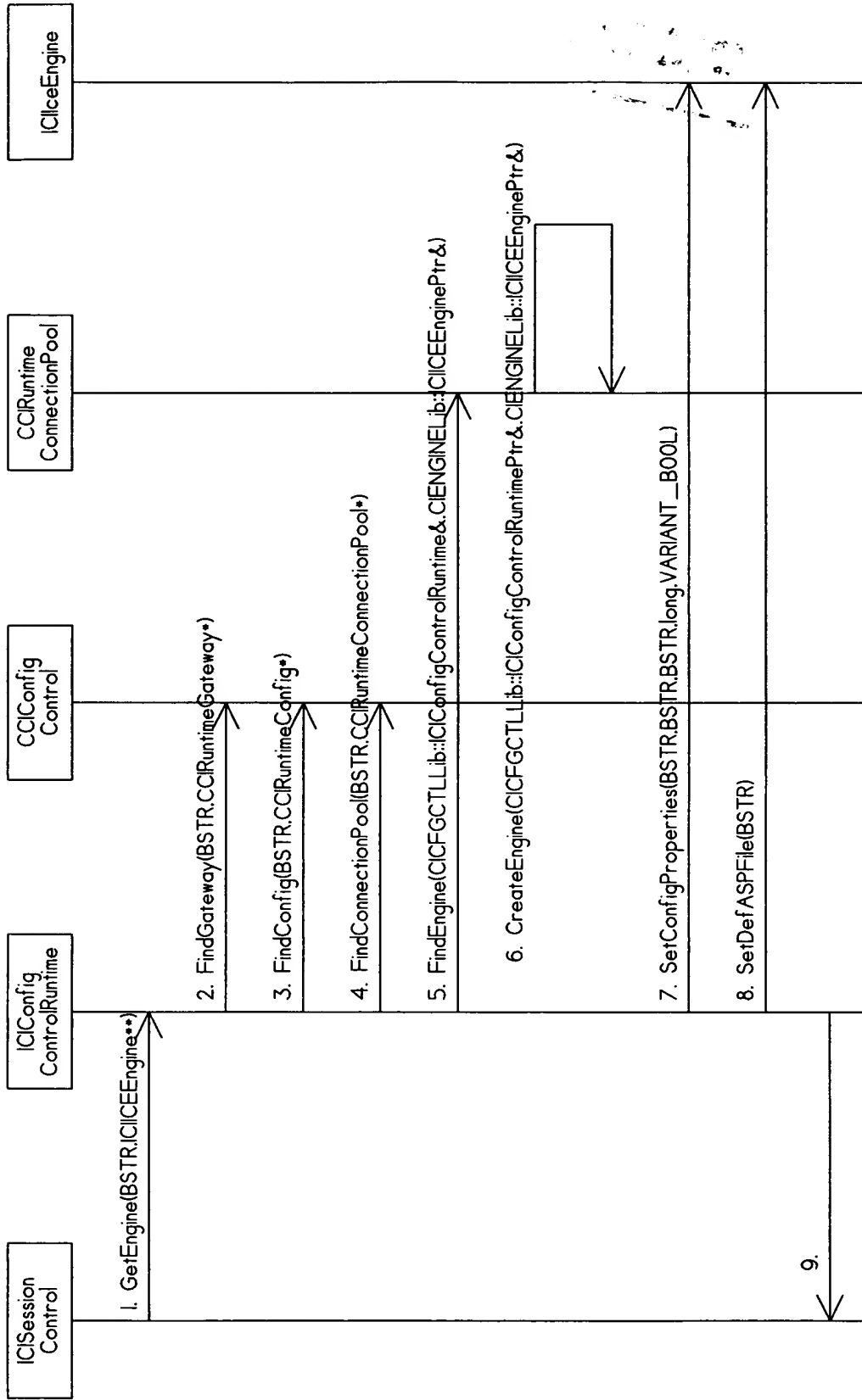


FIG. 12

MESSAGE #	DESCRIPTION
1.	ICISessionControl will call ICICConfigControlRuntime::GetEngine() with the bstrGatewayName set to the name of a gateway.
2.	A CCIRuntimeGateway object whose name matches bstrGatewayName is necessary in order to determine the name of the CCIRuntimeConfig object to use.
3.	A CCIRuntimeConfig object whose name matches the m_bstrConfigName property of the CCIRuntimeGateway object found in the previous step.
	A CCIRuntimeConfig object is needed for two purposes:
1:	To determine the name of the CCIRuntimeConnectionPool object.
2:	To determine the properties that the ICICEEngine will need.
4.	A CCIRuntimeConnectionPool object whose name matches the m_bstrConnectionPoolName property of the CCIRuntimeConfig object found in the previous step.
	A CCIRuntimeConnectionPool object is needed to determine which instance of a ICICEEngine should be used for this request.
5.	This method will iterate the m_oEngines collection to find an ICICEEngine that is currently not busy.
6.	CreateEngine() is called when a new ICICEEngine needs to be created and added to the m_oEngines collection..
7.	The ICICEEngine::SetProperties() method is called using the properties from the CCIRuntimeConfig object specified with oRuntimeConfig parameter of the CCIRuntimeConnectionPool::FindEngine() method. These properties are provided to the ICICEEngine so that if the oRuntimeConfig object is updated, the ICICEEngine::will be unaffected.
8.	The ICICEEngine::SetDefASPFile method is called to define the default ASP file name. The default ASP file name is a property of the CCIRuntimeGateway object.
9.	A ICICEEngine interface pointer is returned.

FIG. 3

Dim ColumnInfos (3)
Dim Column1 (2)
Dim Column2 (2)
Dim Column3 (2)

· Specify the name and width for each column
Column1 (0) = "Product ID"
Column1 (1) = CInt (12)

Column2 (0) = "Pproduct Name"
Column2 (1) = CInt (30)

Column3 (0) = "Product Cost"
Column3 (1) = CInt (10)

ColumnInfos (0) = Column1
ColumnInfos (1) = Column2
ColumnInfos (2) = Column3

· Now create the data set
Dim rs

rs = objCoolCE.CreateDataSet ("MyDataSet",ColumnInfos)

FIG. 14